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From: Jeffrey M. Libby, Reg. No. 48,251

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on October 23, 2006.

Typed or Printed Name: Jeffrey M. Libby

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Re. US Patent Application 10/669,824

Filed: 23 September, 2003

First Inventor: JIANG, Cai- Zhong

Examiner: KRUSE, David H.

Docket No.: 514442001620

This submission includes:

1. Transmittal (1 page, in duplicate);
2. Third Supplemental Information Disclosure Statement, Filed under 37 C.F.R. §1.97 & §1.98; and
3. Forms PTO/SB/08a (2 pages) and PTO/SB/08b (14 pages)

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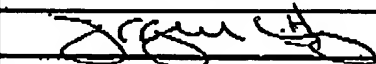
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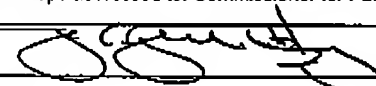
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/669,824	
	Filing Date	23 September 2003	
	First Named Inventor	JIANG, Cai-Zhong	
	Art Unit	1638	
	Examiner Name	KRUSE, David	
Total Number of Pages in This Submission	21	Attorney Docket Number	514442001620

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Forms PTO/SB/08a (2 pages) and PTO/SB/08b (14 pages)
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Firm Name	Mendel Biotechnology, Inc.		
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Typed or printed name	Jeffrey M. Libby	Date	October 23 2006

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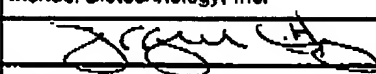
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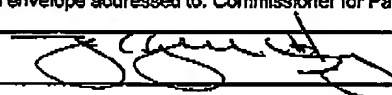
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/669,824
	Filing Date	23 September 2003
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	Attorney Docket Number	514442001620
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Mendel Biotechnology, Inc.		
Signature			
Printed name	Jeffrey M. Libby		
Date	October 23 2006	Reg. No.	48,251

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Signature			
Typed or printed name	Jeffrey M. Libby	Date	October 23 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/669,824)
In re application of: JIANG, Cai-Zhong, *et al.*)
Filed: 23 September 2003)
Art Unit: 1638)
Examiner: KRUSE, David)
Docket No. 514442001620)
Customer No. 47334)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT, FILED UNDER
37 C.F.R. §1.97 & §1.98

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and §1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Forms PTO/SB/08a and PTO/SB/08b. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office action, directed to the related application Serial Number 10/278,173, filed October 21, 2002, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

Application No: 10/669,824

Supplemental Information Disclosure Statement dated October 23, 2006

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of__ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

The information contained in this Information Disclosure Statement under 37 C.F.R. §1.97 and §1.98 is not to be construed as a representation that: (1) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Application No: 10/669,824

Supplemental Information Disclosure Statement dated October 23, 2006

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 50-1025 referencing Docket No. 514442001620. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Date: October 23, 2006By: Jeffrey M. Libby, Ph.D.
Registration No. 48,251

Mendel Biotechnology, Inc.
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 16

Complete if Known

Application Number	10/669,824
Filing Date	23 September 2003
First Named Inventor	JIANG, Cai-Zhong
Art Unit	1638
Examiner Name	KRUSE, DAVID H
Attorney Docket Number	514442001620

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 20050097631	05-05-2005	SUN	whole document
	2	US- 10/155,881	not published	unknown	whole document
	3	US- 10/679,063	not published	unknown	whole document
	4	US- 20040216190	10-28-2004	KOVALIC	whole document, SEQ No 8201
	5	US- 20040123340	06-24-2004	DEIKMAN	whole document
	6	US- 20040214272	10-28-2004	LA ROSA	whole document
	7	US- 20040172684	09-02-2004	KOVALIC	whole document
	8	US- 20040123343	06-24-2004	LA ROSA	whole document
	9	US- 20040031072	02-12-2004	LA ROSA	whole document
	10	US- 20040034888	02-19-2004	LIU	whole document
	11	US- 20050097638	05/05/2005	JIANG	whole document, SEQ No 41-42
	12	US- 20040128712	07-01-2004	JIANG	whole document, SEQ No 41-42
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	13	WO20000301439 (EP1033405)	09-06-2000	ALEXANDROV	Seq. 34900, 56797, 56798, pg. 341- 343, claims 1-34	
	14	PCT/GB99/00905 (WO99/49046)	09-30-1999	WYATT	Figs 1,2,4, Exam- ples 1-6	

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				Application Number	10/669,824
				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	3	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T²
	18	065489 Database EMBL, EBI acc no. 065489, Aug. 1, 1998, "Hypothetical protein F23E12.50 (AT4g35390)"		
	19	AAD21715 NCBI acc. no. AAD21715 (gi: 4512661) (Mar 25 1999); Lin, X., et al. "hypothetical protein"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana chromosome II BAC F7D19 genomic"		
	20	AAF07197 NCBI acc. no. AAF07197 (gi: 6319180) (Nov 10 1999); Weigel, D., et al. "ESCAROLA [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Activation Tagging in Arabidopsis"		
	21	AAA32718 NCBI acc. no. AAA32718 (gi: 454279) (Feb 12 1994); Nieto-Sotelo, J., et al. "DNA-binding protein"; source: Unknown.; Title: "Positive Factor 1 (PF-1) from oat is an HMGY- and H1 histone-like protein"		
	22	AAA33914 NCBI acc. no. AAA33914 (gi: 453692) (Feb 10 1994); Nieto-Sotelo, J., et al. "AT hook 1 from AA 98-106, AT hook 2 from AA 129-137, AT hook 3 from AA 154-162, AT hook 4 from AA 192-200";		
	23	AAF04888 NCBI acc. no. AAF04888 (gi: 6175162) (Nov 2 1999); Lin, X., et al. "hypothetical protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana; Title: "Arabidopsis thaliana chromosome III BAC F7018"		
	24	AB016472 Database EMBL, acc no. AB016472, June 8, 1999, "Arabidopsis thaliana gene for ARR2 protein, complete cds"		
	25	AB025613 NCBI acc. no. AB025613 (gi: 4589419) (Apr 20 1999); Nakamura, Y., et al. "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K215, complete sequence"; source: Arabidopsis thaliana (thale cress);		
	26	AC002387 NCBI acc. no. AC002387 (gi: 2281079) (Jul 25 1997); Rounsley, S.D., et al. "Arabidopsis thaliana clone F04L23, *** SEQUENCING IN PROGRESS ***; 5 unordered pieces"; source: Arabidopsis thaliana (thale cress);		
	27	AC004667 NCBI acc. no. AC004667 (gi: 3115341) (May 6 1998); Rounsley, S.D., et al. "Arabidopsis thaliana clone T4C15, *** SEQUENCING IN PROGRESS ***; 9 unordered pieces"; source: Arabidopsis thaliana (thale cress);		

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	28	AC006580 NCBI acc. no. AC006580 (gi: 4263589) (Feb 24 1999); Lin, X., et al. "Arabidopsis thaliana clone F23E6, *** SEQUENCING IN PROGRESS ***, 6 unordered pieces"; source: Arabidopsis thaliana (thale cress);		
	29	AC006931 NCBI acc. no. AC006931 (gi: 4309684) (Mar 1 1999); Lin, X., et al. "Arabidopsis thaliana clone F7D19, *** SEQUENCING IN PROGRESS ***, 6 unordered pieces"; source: Arabidopsis thaliana (thale cress);		
	30	AC007369 NCBI acc. no. AC007369 (gi: 4678189) (Apr 24 1999); Federspiel, N.A., et al. "Arabidopsis thaliana chromosome I clone F9H16, *** SEQUENCING IN PROGRESS ***, 3 unordered pieces";		
	31	AC007789 NCBI acc. no. AC007789 (gi: 5042437) (Jun 11 1999); Buell, R.C.R., et al. Oryza sativa chromosome 10 BAC T49B20 genomic sequence, complete sequence"; source: Oryza sativa;		
	32	AC011437 NCBI acc. no. AC011437 (gi: 6013612) (Oct 6 1999); Lin, X., et al. "Arabidopsis thaliana chromosome III clone IGF-F7O18, *** SEQUENCING IN PROGRESS ***, 5 unordered pieces";		
	33	AC012188 NCBI acc. no. AC012188 (gi: 6091699) (Oct 21 1999); Liu, S.X., et al. "Arabidopsis thaliana chromosome 1 clone F14L17, *** SEQUENCING IN PROGRESS ***, 4 unordered pieces"; source: Arabidopsis thaliana		
	34	AC015450 NCBI acc. no. AC015450 (gi: 6437539) (Nov 16 1999); Lin, X., et al. "Arabidopsis thaliana chromosome I clone IGF-F14G6, *** SEQUENCING IN PROGRESS ***, 4 unordered pieces"; source: Arabidopsis thaliana		
	35	AF003101 Database EMBL, EBI acc no. AF003101, July 28, 1997, "Arabidopsis thaliana AP2 domain containing protein RAP2.8 mRNA, partial cds"		
	36	AI443215 NCBI acc. no. AI443215 (gi: 4301610) (Feb 19 1999); Shoemaker, R., et al. sa45h07.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-2294 5'> ; similar to TR:O23620 O23620 HYPOTHETICAL 29.7		
	37	AI494847 NCBI acc. no. AI494847 (gi: 4395850) (Mar 11 1999); Shoemaker, R., et al. sb06b09.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-7986 5'> ; similar to TR:O04695 O04695 DNA-BINDING PD1-LIKE		

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/669,824
				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	5	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	38	AI522913 "NCBI acc. no. AI522913 (gi: 4437048) (Mar 18 1999); Shoemaker, R., et al. sa91h08.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-6712 5' similar to TR:022812 022812 PUTATIVE DNA-BINDING	
	39	AI522924 "NCBI acc. no. AI522924 (gi: 4437059) (Mar 18 1999); Shoemaker, R., et al. sa92b03.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-6726 5' similar to TR:022130 022130 PUTATIVE PD1-LIKE	
	40	AI736668 "NCBI acc. no. AI736668 (gi: 5058192) (Jun 14 1999); Shoemaker, R., et al. sb32a03.y1 Gm-cl012 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl012-101 5' similar to TR:023620 023620 HYPOTHETICAL 29.7 KD	
	41	AI960613 "NCBI acc. no. AI960613 (gi: 5753326) (Aug 20 1999); Shoemaker, R., et al. sc86h10.y1 Gm-cl018 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl018-1820 5' similar to TR:022130 022130 PUTATIVE PD1-LIKE	
	42	AI965992 "NCBI acc. no. AI965992 (gi: 5760629) (Aug 23 1999); Shoemaker, R., et al. sc25a12.y1 Gm-cl013 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl013-1655 5' similar to TR:022130 022130 PUTATIVE PD1-LIKE	
	43	AJ005196 NCBI acc. no. AJ005196 (gi: 3549642) (Sep 7 1998); Buchholz, G., et al. "Arabidopsis thaliana mRNA for receiver-like protein 5"; source: Arabidopsis thaliana (thale cress)	
	44	AL021635 NCBI acc. no. AL021635 (gi: 2827538) (Feb 1 1998); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BAC clone T12H17 (ESSAII project)"; source: Arabidopsis thaliana (thale cress)	
	45	AL022604 Database EMBL, acc no. AL022604, April 22, 1998, "Arabidopsis thaliana DNA chromosome 4, BAC clone F23E12; NCBI acc. no. AL022604 (gi: 3080406) (Apr 24 1998); Bevan, M., et al.	
	46	AL132975 NCBI acc. no. AL132975 (gi: 6434228) (Nov 15 1999); Benes, V., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T22E16"; source: Arabidopsis thaliana (thale cress);	
	47	AL161533 NCBI acc. no. AL161533 (gi: 7267889) (Mar 20 2000); Hilbert, H., et al. "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 33"; source: Arabidopsis thaliana (thale cress);	

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		Examiner Name	KRUSE, David H.
Sheet 6 of 16	Attorney Docket Number	514442001620	

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	48	AL162295 NCBI acc. no. AL162295 (gi: 7329669) (Mar 26 2000); Choisme, N., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T4C21"	
	49	AMA132349 NCBI acc. no. AJ132349 (gi: 4165182) (Jan 21 1999); Hofmann, W.A., et al. "Antirrhinum majus mRNA for SAP1 protein"; source: Antirrhinum majus (snapdragon); Title:	
	50	AW066510 NCBI acc. no. AW066510 (gi: 6021582) (Oct 12 1999); Walbot, V., et al. 660015F03.y1 660 - Mixed stages of anther and pollen Zea mays cDNA, mRNA sequence"; source: Zea mays;	
	51	AW099294 NCBI acc. no. AW099294 (gi: 6069638) (Oct 19 1999); Shoemaker, R., et al. sd37h01.y1 Gm-cl016 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl016-1994 5' similar to TR:022130 022130 PUTATIVE PD1-LIKE DNA-	
	52	AW132605 NCBI acc. no. AW132605 (gi: 6134212) (Oct 27 1999); Shoemaker, R., et al. se06d10.y1 Gm-cl013 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl013-2732 5' similar to TR:022130 022130 PUTATIVE PD1-LIKE DNA	
	53	AW278127 NCBI acc. no. AW278127 (gi: 6666668) (Jan 4 2000); Shoemaker, R., et al. sf40a09.y1 Gm-cl009 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl009-2417 5' similar to TR:049662 049662 PUTATIVE DNA BINDING	
	54	AW309814 NCBI acc. no. AW309814 (gi: 6725415) (Jan 21 2000); Shoemaker, R., et al. sf28b03.x1 Gm-cl028 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl028-966 3' similar to TR:023620 023620 HYPOTHETICAL 29.7 KD	
	55	AW310124 NCBI acc. no. AW310124 (gi: 6725725) (Jan 21 2000); Shoemaker, R., et al. sf31d10.x1 Gm-cl028 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl028-1580 3' similar to TR:022130 022130 PUTATIVE PD1-LIKE	
	56	AW348874 NCBI acc. no. AW348874 (gi: 6846584) (Feb 1 2000); Vodkin, L., et al. GM210010A10G1 Gm-r1021 Glycine max cDNA clone Gm-r1021-3745 3'; mRNA sequence"; source: Glycine max (soybean)	
	57	AW349284 NCBI acc. no. AW349284 (gi: 6846994) (Feb 1 2000); Vodkin, L., et al. GM210004B21H7 Gm-r1021 Glycine max cDNA clone Gm-r1021-1526 3'; mRNA sequence"; source: Glycine max (soybean)	

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				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	7	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	58	AW349908 NCBI acc. no. AW349908 (gi: 6847618) (Feb 1 2000); Vodkin, L., et al. GM210006A20F9 Gm-r1021 Glycine max cDNA clone Gm-r1021-2178 3'; mRNA sequence"; source: Glycine max (soybean)		
	59	AW350603 NCBI acc. no. AW350603 (gi: 6848313) (Feb 1 2000); Vodkin, L., et al. GM210008B10B12 Gm-r1021 Glycine max cDNA clone Gm-r1021-2783 3'; mRNA sequence"; source: Glycine max (soybean)		
	60	AW448258 NCBI acc. no. AW448258 (gi: 12018686) (Feb 16 2000); Clarke, B.C., et al. BRY 1522 BRY Triticum aestivum cDNA clone P53-1J, mRNA sequence"; source: Triticum aestivum (bread wheat);		
	61	AW455702 NCBI acc. no. AW455702 (gi: 7009437) (Feb 20 2000); Walbot, V., et al. 707090A09.xl 707 - Mixed adult tissues from Walbot lab (SK) Zea mays cDNA, mRNA sequence"; source: Zea mays;		
	62	AW574000 NCBI acc. no. AW574000 (gi: 7238733) (Mar 13 2000); Fedorova, M., et al. EST316591 GVN Medicago truncatula cDNA clone pGVN-50F8, mRNA sequence"; source: Medicago truncatula (barrel medic);		
	63	AW596434 NCBI acc. no. AW596434 (gi: 7283832) (Mar 22 2000); Shoemaker, R., et al. sj12d05.y1 Gm-cl032 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl032-1666 5'; similar to TR:023620 023620 HYPOTHETICAL 29.7 KD		
	64	AW596625 NCBI acc. no. AW596625 (gi: 7284025) (Mar 22 2000); Shoemaker, R., et al. sj14f10.y1 Gm-cl032 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl032-1892 5'; similar to TR:049662 049662 PUTATIVE DNA BINDING		
	65	CAA18730 NCBI acc. no. CAA18730 (gi: 3080411) (Apr 24 1998); Bevan, M., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission"		
	66	CAA61276 NCBI acc. no. CAA61276 (gi: 871496) (Jun 23 1995); Meijer, A.H., et al. "putative; pid:e"; source: Unknown.; Title: "Three AT hook-containing proteins fom rice bind recognition sites of plant and		
	67	CAA61277 NCBI acc. no. CAA61277 (gi: 871498) (Jun 23 1995); Meijer, A.H., et al. "DNA binding protein"; source: Unknown.; Title: "Three AT hook-containing proteins fom rice bind recognition sites of plant and		

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	68	CAB75914 NCBI acc. no. CAB75914 (gi: 7076799) (Feb 24 2000); Benes, V., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana; Title: "Direct Submission"	
	69	CAB78783 NCBI acc. no. CAB78783 (gi: 7268533) (Mar 20 2000); EU Arabidopsis sequencing project., et al. "hypothetical protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress)	
	70	CAB80256 NCBI acc. no. CAB80256 (gi: 7270491) (Mar 20 2000); EU Arabidopsis sequencing project., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress)	
	71	CAB82691 NCBI acc. no. CAB82691 (gi: 7329697) (Mar 26 2000); Choisme, N., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)	
	72	D42950 NCBI acc. no. D42950 (gi: 3107210) (May 4 1998); Uchimiya, H., et al. "D42950 Rice callus cDNA (H.Uchimiya) Oryza sativa cDNA clone AD078, mRNA sequence"; source: Oryza sativa; Title: "On nucleotide sequence of"	
	73	S57459 NCBI acc. no. S57459 (gi: 235870) (May 7 1993); Kovacic, R.T., et al. "lipocortin I [rats, Genomic, 154 nt, segment 5 of 13]"; source: Unknown.; Title: "Correlation of gene and protein structure of rat and"	
	74	T06118 Database PIR, Accession No. T06118, Bevan et al., Gene Sequence, April 1990	
	75	T43108 NCBI acc. no. T43108 (gi: 635696) (Jan 25 1995); Newman, T., et al. "6371 Lambda-PRL2 Arabidopsis thaliana cDNA clone 11515T7, mRNA sequence"; source: Arabidopsis thaliana (thale cress);	
	76	W43561 NCBI acc. no. W43561 (gi: 1328029) (May 23 1996); Newman, T., et al. "22938 CD4-16 Arabidopsis thaliana cDNA clone H2A10T7, mRNA sequence"; source: Arabidopsis thaliana (thale cress);	
	77	X98738 NCBI acc. no. X98738 (gi: 2213535) (Jun 24 1997); Sato, N., et al. "P. sativum mRNA encoding DNA-binding protein PD1"; source: Pisum sativum (pea);	

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	78	X98739 NCBI acc. no. X98739 (gi: 2213533) (Jun 24 1997); Sato, N., et al. "P.sativum mRNA encoding DNA-binding PDI-like protein"; source: Pisum sativum (pea);	
	79	X99116 NCBI acc. no. X99116 (gi: 1429210) (Jul 17 1996); Gupta, R., et al. "A.thaliana mRNA for HMGR-I/Y protein"; source: Arabidopsis thaliana (thale cress);	
	80	X99373 NCBI acc. no. X99373 (gi: 1435174) (Jul 18 1996); Gupta, R., et al. "P.sativum gene encoding HMGR-I/Y protein"; source: Pisum sativum (pea);	
	81	X99491 NCBI acc. no. X99491 (gi: 1460087) (Jul 25 1996); Gupta, R., et al. "P.sativum gene encoding HMGR-I/Y protein, 3' and"; source: Pisum sativum (pea); Title: "The single-copy gene encoding high-mobility group	
	82	Z97344 NCBI acc. no. Z97344 (gi: 2245126) (Jul 6 1997); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BSSA I contig fragment No. 9"; source: Arabidopsis thaliana (thale cress)	
	83	ABEL et al. (Jan. 1994) Early auxin-induced genes encode short-lived nuclear proteins. Proc Natl Acad Sci USA 91: 326-330	
	84	AINLEY et al. (Apr. 1993) Regulatable endogenous production of cytokinins up to 'toxic' levels in transgenic plants and plant tissues. Plant Mol. Biol. 22: 13-23	
	85	AOYAMA et al. (Nov. 1995) Ectopic expression of the Arabidopsis transcriptional activator Athb-1 alters leaf cell fate in tobacco. Plant Cell 7: 1773-1785	
	86	ARAVIND and LANDSMAN (Oct. 1, 1998) "AT-hook motifs identified in a wide variety of DNA-binding proteins" Nucl. Acids Res. 26: 4413-4421	
	87	BAERSON et al. (Dec. 1994) Identification of domains in an Arabidopsis acyl carrier protein gene promoter required for maximal organ-specific expression. Plant Mol. Biol. 20: 1947-1959	

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	88	BAUMANN et al. (Mar. 1999) The DNA binding site of the Dof protein NtBBF1 is essential for tissue-specific and auxin-regulated expression of the rolB oncogene in plants. Plant Cell 11: 323-333	
	89	BEVAN et al. (Jan. 29, 1998) "Sequence of 1.9 Mb contiguous region from chromosome 4 of Arabidopsis thaliana" Nature 391(6666): 485-488	
	90	BIRD et al. (1988) The tomato polygalacturonase gene and ripening-specific expression in transgenic plants. Plant Mol. Biol. 11: 651-662	
	91	BUCHER et al. (1999) Mutation of GT-1 binding sites in the Pr-1A promoter influences the level of inducible gene expression in vivo. Plant Mol. Biol. 40: 387-396	
	92	CUBAS et al. (Apr. 1999) The TCP domain: a motif found in proteins regulating plant growth and development. Plant J. 18, 215-222	
	93	DA COSTA E SILVA et al. (Jul. 1993) BPF-1, a pathogen-induced DNA-binding protein involved in the plant defense response. Plant J. 4: 125-135	
	94	FALVO et al. (Dec. 29, 1995) Reversal of intrinsic DNA bends in the IFN beta gene enhancer by transcription factors and the architectural protein HMGI(Y). Cell 83: 1101-1111	
	95	FORSBURG and GUARENTE (Aug. 1989) Identification and characterization of HAP4: a third component of the CCAAT-bound HAP2/HAP3 heteromer. Genes Develop. 3: 1166-1178	
	96	FOSTER et al. (Feb. 1994). Plant bZIP proteins gather at ACGT elements. FASEB J. 8: 192-200	
	97	GAN and AMASINO (Dec. 22, 1995) Inhibition of leaf senescence by autoregulated production of cytokinin. Science 270: 1986-1989	

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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
Sheet 11 of 16	Attorney Docket Number	514442001620	

NON PATENT LITERATURE DOCUMENTS			
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	98	GATZ et al. (Jun. 1997) Chemical Control of Gene Expression. Annu. Rev. Plant Physiol. Plant Mol. Biol. (1997) 48: 89-108	
	99	GINIGER and PTASHNE (Dec. 1987) Transcription in yeast activated by a putative amphipathic alpha helix linked to a DNA binding unit. Nature 330: 670-672	
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	101	GRASSER (Feb. 1995). Plant chromosomal high mobility group (HMG) proteins. Plant J. 7: 185-192	
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	104	HOFMANN, et al. (2000). Isolation of Two cDNAs Encoding AT-Hook DNA-Binding Proteins, SAP1 and HMRL, from an Antirrhinum majus L. Inflorescence Expression Library. Plant Physiol. 122: 292-292	
	105	ISHIGURO and NAKAMURA (1994) Characterization of a cDNA encoding a novel DNA-binding protein, SPFL, that recognizes SP8 sequences in the 5' upstream regions of genes coding for... Mol. Gen. Genet. 244: 563-571	
	106	KAISER and BATSCHAUER (May 1995) Cis-acting elements of the CHS1 gene from white mustard controlling promoter activity and spatial patterns of expression. Plant Mol. Biol. 28: 231-243	
	107	KIM et al. (Jun. 1997) Isolation of a novel class of bZIP transcription factors that interact with ABA-responsive and embryo-specification elements in the Dc3 promoter using a modified yeast ... Plant J. 11: 1237-1251	

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	108	KLEIN et al. (Jan. 15, 1996) A new family of DNA binding proteins includes putative transcriptional regulators of the Antirrhinum majus floral meristem identify gene SQUAMOSA. Mol. Gen. Genet. 250: 7-16		
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	114	LITTLEWOOD and EVAN (1994) Transcription factors 2: helix-loop-helix. Protein Profile 1: 639-709		
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	116	MA and Ptashne (Oct. 9, 1987) A new class of yeast transcriptional activators. Cell 51: 113-119		
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	118	MARTIN and PAZ-ARBS (Feb. 1997) MYB transcription factors in plants. Trends Genet. 13: 67-73	
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	128	ODELL et al. (Oct. 1994) Seed-specific gene activation mediated by the Cre/lox site-specific recombination system. Plant Physiol. 106: 447-458		
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	136	SAKAI et al., (Nov. 1998) "Two-component response regulators from Arabidopsis thaliana contain a putative DNA binding motif." Plant Cell Physiol. 39: 1232-1239		
	137	SCHAFFNER and SHEEN (Sept. 1991). Maize rbcS promoter activity depends on sequence elements not found in dicot rbcS promoters. Plant Cell 3: 997-1012		

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	138	SEO et al. (Feb. 1998). Higher activity of an aldehyde oxidase in the auxin-overproducing superroot1 mutant of Arabidopsis thaliana. Plant Physiol 116: 687-693	
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	145	WATERSTON, R. (Dec. 11, 1998) Genome sequence of the nematode C. elegans: a platform for investigating biology. C. elegans Sequencing Consortium. Science 282 (5396): 2012-2018	
	146	WEIGEL and NILSSON (Oct. 12, 1995) A developmental switch sufficient for flower initiation in diverse plants. Nature 377: 495-500	
	147	WILLMOTT, et al., (Nov. 1998) DNaseI footprints suggest the involvement of at least three types of transcription factors in the regulation of alpha-Amy2/A by gibberellin. Plant Mol. Biol. 38: 817-825	

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	148	ZHANG et al. (Dec. 1992) Expression of antisense or sense RNA of an ankyrin repeat-containing gene blocks chloroplast differentiation in arabidopsis. Plant Cell 4: 1575-1588	

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